



Patent Application USSN 09/375,627 Atty Docket No. 8052-84751

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:               | ) |
|-------------------------------------|---|
| Hans Loschner, et al.               | ) |
| For: Particle Multibeam Lithography | ) |
| Application No. 09/375,627          | ) |
| Filed: August 17, 1999              | ) |
|                                     | ) |

# REQUEST TO CORRECT INVENTORSHIP UNDER 37 C.F.R. §1.48

TO: Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Recently, it has come to the attention of applicant's attorney that an inventor, Dr. Elmar Platzgummer, was inadvertently omitted from being included as one of the inventors of the subject matter claimed in the subject application.

Upon investigation of the matter, it was determined that the patent liaison person at the Assignee company, IMS-Ionen Mikrofabrikations Systeme GmbH, inadvertently omitted naming this fourth inventor, Dr. Elmar Platzgummer, when forwarding invention disclosure information to the Assignee's Austrian patent counsel, Mr. Franz Matschnig.

Accordingly, the present applicants request that the inventorship be changed to add a fourth inventor, Dr. Elmar Platzgummer, to this application and in support of this request a Statement signed by each of the original inventors, the added inventor, and by the Assignee consenting to the change is enclosed.

Further in support of this request, enclosed is a Declaration signed by the original inventors and the newly added inventor.

130,00 OP

Still further the processing fee of \$130.00 set forth in 37 C.F.R. §1.48(i) is enclosed.

Applicant submits that the above statements, enclosed documents, and enclosed check satisfies the requirements under 37 C.F.R. §1.48 to change the inventorship for this application and such is respectfully requested.

Respectfully submitted,

1/19/2014 Date

WELSH & KATZ, LTD.

120 SOUTH RIVERSIDE PLAZA

22<sup>nd</sup> Floor

CHICAGO, IL 60606-3912

Direct Telephone:

1-312-775-0407

Telephone:

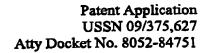
1-312-655-1500

Fax:

1-312-655-1501

Email:

trvigil@welshkatz.com





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| For: Particle Multibeam Lithography | )      |
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|                                     | )<br>) |

# STATEMENT BY ORIGINAL INVENTORS AND CONSENT OF ASSIGNEE UNDER 37 C.F.R. §1.48

TO: Commissioner of Patents
P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

The original inventors: Hans Loschner, Gerhard Stengl, and Herbert Vonach, and the inventor to be added, namely Dr. Elmar Platzgummer, in this application hereby state as follows:

The error in inventorship by omitting Dr. Elmar Platzgummer as a co-inventor was inadvertent and occurred without deceptive intention on the part of each of the original inventors and on the part of Dr. Elmar Platzgummer.

The error occurred when a patent liaison person at the Assignee company, IMS-Ionen Mikrofabrikations Systeme GmbH, inadvertently omitted Dr. Elmar Platzgummer from the inventors on the invention disclosure submitted to the inventor's and Assignee's Austrian patent attorney, Mr. Franz Matschnig.

The original inventors and Assignee are now correcting the inventorship to include Dr. Elmar Platzgummer.

A Declaration and processing fee are enclosed.

Signatures of the inventors:

| 18-lec. 2003                           | Ho                                      | - Linchna                   |
|--|---|-----------------------------|
| Date                                   | Hans Loschne                            |                             |
| Date                                   | Hans Loscone                            |                             |
| 12.01, 2004                            | Geoli                                   | are sterred                 |
| Date                                   | Gerhand Steng                           | 1 0 11 11                   |
| 18.11.2003                             | () 6                                    | ( Well                      |
| Date                                   | Herbert Vonac                           | :h                          |
| 17 Dec 2003                            | Que 1                                   | Photogram                   |
| Date                                   | Dr. Elmar Plat                          | zgummet                     |
|  |   |                             |
| On behalf of the Assignee of this app  | - 4                                     |                             |
| Systeme GmbH, I Emest Fouther          |   | of IMS-Ionen                |
| Mikrofabrikations Systeme GmbH, hereby | • * * * * * * * * * * * * * * * * * * * |                             |
| forth above.                           |   |                             |
|  | IMS-Ionen Miki                          | rofabrikations Systeme GmbH |
| 12 01 1-004<br>Date:                   | Name: Ernest                            | Low                         |

# JAN 2 2 2004 SEE TRADERIS a below

### **DECLARATION AND POWER OF ATTORNEY**

a below named inventor, I hereby declare:

the specification of which (check one)

That my residence, post office address and citizenship are as stated below next to my name.

That I verily believe I am the original, first and sole Inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is daimed and for which a patent is sought on the invention entitled:

PARTICLE MULTIBEAM LITHOGRAPHY

| ( )          | is auached nereto.            |  |  |                                |
|--------------|-------------------------------|--|--|--------------------------------|
| (X)          | was filed onAugus             | <u>it 17, 1999                                  </u> |  |                                |
|              | Application Serial No         | 09/375,627   |  |                                |
|              | and was amended on            |  |  |                                |
|              |                               | (If applicable)                                      | and the  |                                |
|              |                               |  | of the above-identified specification  | n, including the claims, as    |
| amen         | ded by any amendment re       | eferred to above.                                    |  |                                |
|              |                               |  | n known to be material to patenta  | ability of this application in |
| accor        | dance with Title 37, Code     | of Federal Regulations, §1.5                         | 56(a).   |                                |
|              |                               |  | e 35, United States Code, §119 of a  |                                |
|              |                               |  | dentified below any foreign applicat<br>f the application on which priority is o |                                |
| CCI UII      | cate on this invention have   | ng a ming date before that of                        | The application on which phonty is t   | Adiined.                       |
| <b>Prior</b> | Foreign Application(s)        |  |  | Priority Claimed               |
|              | A1415/98                      | Austria  | 19/08/1998   | Yes No                         |
| (Num         |                               | (Country)  | (Day/Month/Year Filed)   | 163 140                        |
| •            | ,                             | (0003)   | (24)/(1411-1411-1411-1411-1411-1411-1411-141                                     |                                |
|              |                               |  |  |                                |
| (Num         | her)                          | (Country)  | (Day/Month/Year Filed)   | Yes No                         |
| (            |                               | (Ocumay)   | (Daymoniau real Filed)   |                                |
| l here       | by claim the benefit under    | r 35 U.S.C. § 119(e) of any l                        | Inited States provisional application  | (s) listed below.              |
|              |                               |  |  |                                |
| (Appli       | ication Number)               | (Filing Date)  |  |                                |
|              |                               |  |  |                                |
| (Appl        | Ication Number)               | (Filing Date)  |  |                                |
|              | That I hereby claim the I     | henefit under Title 35. Linite                       | d States Code, §120 of any United  | States application(s) listed   |
| below        | and insofar as the subje      | ect matter of each of the clair                      | ms of this application is not disclose   | d in the prior I laifed States |
| applic       | ation in the manner provide   | ded by the first paragraph of                        | f Title 35, United States Code, §112   | l acknowledge the duty to      |
| disclo       | se material information a     | s defined in Title 37 Code                           | of Federal Regulations, §1.56(a) w   | hich occurred between the      |
| filing       | date of the prior application | n and the national or PCT in                         | ternational filing date of this application                                      | ion:                           |
| l Inite      | d States Application(s)       |  |  |                                |
| Onic         | d States Application(s)       |  |  |                                |
| (Appl        | ication Serial No.)           | (Filing Date)  | (Status)-(Patented   | pending, abandoned)            |
| <b>•</b>     | •                             | ( <del>-</del>                                       | () (:  | F                              |
| (Appl        | ication Serial No.)           | /Eiling Dotn)  | (Ohta) (D-1-1-1  |                                |
| (Ahi         | icauon Senai No.)             | (Filing Date)  | (Siams)-(Patented,   | pending, abandoned)            |

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the following attorneys, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Thomas R. Vigil, WELSH & KATZ, LTD., 120 South Riverside Plaza, 22<sup>nd</sup> Floor, Chicago, Illinois 60606, Telephone No. (312) 655-1500:

| Attorney              | Registration No. |
|-----------------------|------------------|
| A. Sidney Katz        | 24,003           |
| Richard L. Wood       | 22,839           |
| Jerold B. Schnayer    | 28,903           |
| Eric C. Cohen         | 27,429           |
| Joseph R. Marcus      | 25,060           |
| Gerald S. Schur       | 22,053           |
| Gerald T. Shekleton   | 27,466           |
| James A. Scheer       | 29,434           |
| Daniel R. Cherry      | 29,054           |
| Edward P. Gamson      | 29,381           |
| Kathieen A. Rheintgen | 34,044           |
| Thomas W. Tolpin      | 27,600           |
| Jon P. Christensen    | 34,137           |
| Eric D. Cohen         | 38,110           |
| Walter J. Kawula, Jr. | 39,724           |
| Mitchell J. Weinstein | 37,963           |
| Leonard Friedman      | 37,135           |
| Steven E. Feldman     | 40,604           |
| Jeffrey W. Salmon     | 37,435           |
| Thomas R. Vigil       | 24,542           |
|                       |                  |

| Full na  | ame o | f sole | or | one |
|----------|-------|--------|----|-----|
| ioint ir | Manta | ~      |    |     |

Inventor's signature:

Date:

Residence and Post Office Address:

Hans Loschner

Vegagasse 6

Vienna 1190

Austria

Citizenship:

Austria

Address for Correspondence:

WELSH & KATZ, LTD. 120 South Riverside Plaza

22nd Floor

Chicago, Illinois 60606

|  | •                       |
|--|-------------------------|
| Full name of additional or joint inventor:                     | Gerhard-Stengl          |
| Inventor's signature:  | terioro fleur           |
| Date:  | 12.01.04                |
| Residence and Post Office Address:                             | Aussichtsweg 20         |
|  | Wemberg 9242            |
|  | Austria                 |
| Citizenship:   | Germany                 |
| Full name of sole or one joint inventor: Inventor's signature: | Herbert Vonach          |
|  | 18.12.2005              |
| Date:  |                         |
| Residence and Post Office Address:                             | Martinstraße 83         |
|  | Klosterneuburg 3400     |
|  | Austria                 |
| Citizenship:   | Austria                 |
|  |                         |
| Full name of sole or one joint inventor:                       | Dr. Elmar Platzgummer   |
| Inventor's signature:  | Cluntholay              |
| Date:  | 17 nec 2063             |
| Residence and Post Office Address:                             | Max Winter – Platz 4/34 |
|  | Wien 1020               |
|  | Austria                 |
| Citizenship:   | Austria                 |

Austria